



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

101054,300

Source:

QIPF

Date Processed by STIC:

2/3/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

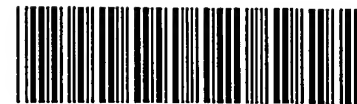
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



OIPE

RAW SEQUENCE LISTING

DATE: 02/03/2004

PATENT APPLICATION: US/10/054,300

TIME: 11:56:14

Input Set : A:\01834cip.seq.txt

Output Set: N:\CRF4\01292004\J054300.raw

4 <110> APPLICANT: Imanishi, Takeshi
 5 Obika, Satoshi
 7 <120> TITLE OF INVENTION: Novel Bicyclonucleoside Analogues
 9 <130> FILE REFERENCE: 01834CIP/HG
 11 <140> CURRENT APPLICATION NUMBER: US 10/054,300
 12 <141> CURRENT FILING DATE: 2002-01-22
 14 <150> PRIOR APPLICATION NUMBER: JP HEI11-207170
 15 <151> PRIOR FILING DATE: 1999-07-22
 E--> 17 <160> NUMBER OF SEQ ID NOS: ⑥-9-see page 3
 19 <170> SOFTWARE: PatentIn Ver.2.0

Does Not Comply
Corrected Diskette Needed

(pg. 1-5)

ERRORED SEQUENCES

148 <210> SEQ ID NO: 7
 149 <211> LENGTH: 10
 150 <212> TYPE: DNA
 151 <213> ORGANISM: Artificial Sequence
 W--> 152 <220> FEATURE:
 153 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
 154 oligonucleotide for testing the formability of a
 155 triple strand
 W--> 156 <220> FEATURE:
 157 <221> NAME/KEY: modified_base
 158 <222> LOCATION: (1)
 159 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
 160 4'-C-methylene-5-methyluridine
 W--> 161 <220> FEATURE:
 162 <221> NAME/KEY: modified_base
 163 <222> LOCATION: (2)
 164 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
 165 4'-C-methylene-5-methyluridine
 W--> 166 <220> FEATURE:
 167 <221> NAME/KEY: modified_base
 168 <222> LOCATION: (3)
 169 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
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 W--> 171 <220> FEATURE:
 172 <221> NAME/KEY: modified_base
 173 <222> LOCATION: (4)
 174 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
 175 4'-C-methylene-5-methyluridine
 W--> 176 <220> FEATURE:

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Input Set : A:\01834cip.seq.txt

Output Set: N:\CRF4\01292004\J054300.raw

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177 <221> NAME/KEY: modified_base
178 <222> LOCATION: (5)
179 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
180     4'-C-methylene-5-methyluridine
W--> 181 <220> FEATURE:
182 <221> NAME/KEY: modified_base
183 <222> LOCATION: (6)
184 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
185     4'-C-methylene-5-methyluridine
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187 <221> NAME/KEY: modified_base
188 <222> LOCATION: (7)
189 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
190     4'-C-methylene-5-methyluridine
W--> 191 <220> FEATURE:
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193 <222> LOCATION: (8)
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195     4'-C-methylene-5-methyluridine
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197 <221> NAME/KEY: modified_base
198 <222> LOCATION: (9)
199 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
200     4'-C-methylene-5-methyluridine
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202 <221> NAME/KEY: modified_base
203 <222> LOCATION: (10)
204 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
205     4'-C-methylene-5-methyluridine
E--> 206 <400> SEQUENCE: - Please enter a response.
W--> 207 nnnnnnnnnnnn 10
208 <210> SEQ ID NO: 8
209 <211> LENGTH: 10
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial Sequence
W--> 212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
214     oligonucleotide for testing the formability of a
215     triple strand
W--> 216 <220> FEATURE:
217 <221> NAME/KEY: modified_base
218 <222> LOCATION: (1)
219 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
220     4'-C-methylene-5-methyluridine
W--> 221 <220> FEATURE:
222 <221> NAME/KEY: modified_base
223 <222> LOCATION: (3)
224 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
225     4'-C-methylene-5-methyluridine

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DATE: 02/03/2004

PATENT APPLICATION: US/10/054,300

TIME: 11:56:14

Input Set : A:\01834cip.seq.txt

Output Set: N:\CRF4\01292004\J054300.raw

W--> 226 <220> FEATURE:
227 <221> NAME/KEY: modified_base
228 <222> LOCATION: (5)
229 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
230 4'-C-methylene-5-methyluridine

W--> 231 <220> FEATURE:
232 <221> NAME/KEY: modified_base
233 <222> LOCATION: (7)
234 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
235 4'-C-methylene-5-methyluridine

W--> 236 <220> FEATURE:
237 <221> NAME/KEY: modified_base
238 <222> LOCATION: (9)
239 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
240 4'-C-methylene-5-methyluridine

E--> 241 <400> SEQUENCE: *Please enter a response.*
W--> 242 ntntntntnt 10 *Last sequence in submitted file.*
243 <210> SEQ ID NO: 9
244 <211> LENGTH: 10
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence

W--> 247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthesized
249 oligonucleotide for testing the formability of a
250 triple strand

W--> 251 <220> FEATURE:
252 <221> NAME/KEY: modified_base
253 <222> LOCATION: (2)
254 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
255 4'-C-methylene-5-methyluridine

W--> 256 <220> FEATURE:
257 <221> NAME/KEY: modified_base
258 <222> LOCATION: (4)
259 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
260 4'-C-methylene-5-methyluridine

W--> 261 <220> FEATURE:
262 <221> NAME/KEY: modified_base
263 <222> LOCATION: (6)
264 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
265 4'-C-methylene-5-methyluridine

W--> 266 <220> FEATURE:
267 <221> NAME/KEY: modified_base
268 <222> LOCATION: (8)
269 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,
270 4'-C-methylene-5-methyluridine

W--> 271 <220> FEATURE:
272 <221> NAME/KEY: modified_base
273 <222> LOCATION: (10)
274 <223> OTHER INFORMATION: 3'-amino-3'-deoxy-2'-O,

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DATE: 02/03/2004

PATENT APPLICATION: US/10/054,300

TIME: 11:56:14

Input Set : A:\01834cip.seq.txt

Output Set: N:\CRF4\01292004\J054300.raw

275 4'-C-methylene-5-methyluridine
E--> 276 <400> SEQUENCE: - please enter a response
W--> 277 tntntntntn 10

VERIFICATION SUMMARY

DATE: 02/03/2004

PATENT APPLICATION: US/10/054,300

TIME: 11:56:15

Input Set : A:\01834cip.seq.txt

Output Set : N:\CRF4\01292004\J054300.raw

L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
 L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
 L:123 M:283 W: Missing Blank Line separator, <220> field identifier
 L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
 L:152 M:283 W: Missing Blank Line separator, <220> field identifier
 L:156 M:283 W: Missing Blank Line separator, <220> field identifier
 L:161 M:283 W: Missing Blank Line separator, <220> field identifier
 L:166 M:283 W: Missing Blank Line separator, <220> field identifier
 L:171 M:283 W: Missing Blank Line separator, <220> field identifier
 L:176 M:283 W: Missing Blank Line separator, <220> field identifier
 L:181 M:283 W: Missing Blank Line separator, <220> field identifier
 L:186 M:283 W: Missing Blank Line separator, <220> field identifier
 L:191 M:283 W: Missing Blank Line separator, <220> field identifier
 L:196 M:283 W: Missing Blank Line separator, <220> field identifier
 L:201 M:283 W: Missing Blank Line separator, <220> field identifier
 L:206 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:7 differs:6
 L:206 M:283 W: Missing Blank Line separator, <400> field identifier
 L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:0 after pos.:0
 L:212 M:283 W: Missing Blank Line separator, <220> field identifier
 L:216 M:283 W: Missing Blank Line separator, <220> field identifier
 L:221 M:283 W: Missing Blank Line separator, <220> field identifier
 L:226 M:283 W: Missing Blank Line separator, <220> field identifier
 L:231 M:283 W: Missing Blank Line separator, <220> field identifier
 L:236 M:283 W: Missing Blank Line separator, <220> field identifier
 L:241 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:8 differs:6
 L:241 M:283 W: Missing Blank Line separator, <400> field identifier
 L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:0 after pos.:0
 L:247 M:283 W: Missing Blank Line separator, <220> field identifier
 L:251 M:283 W: Missing Blank Line separator, <220> field identifier
 L:256 M:283 W: Missing Blank Line separator, <220> field identifier
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 L:271 M:283 W: Missing Blank Line separator, <220> field identifier
 L:276 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:9 differs:6
 L:276 M:283 W: Missing Blank Line separator, <400> field identifier
 L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:0 after pos.:0
 L:17 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (6) Counted (9)

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.